

Fig. 1

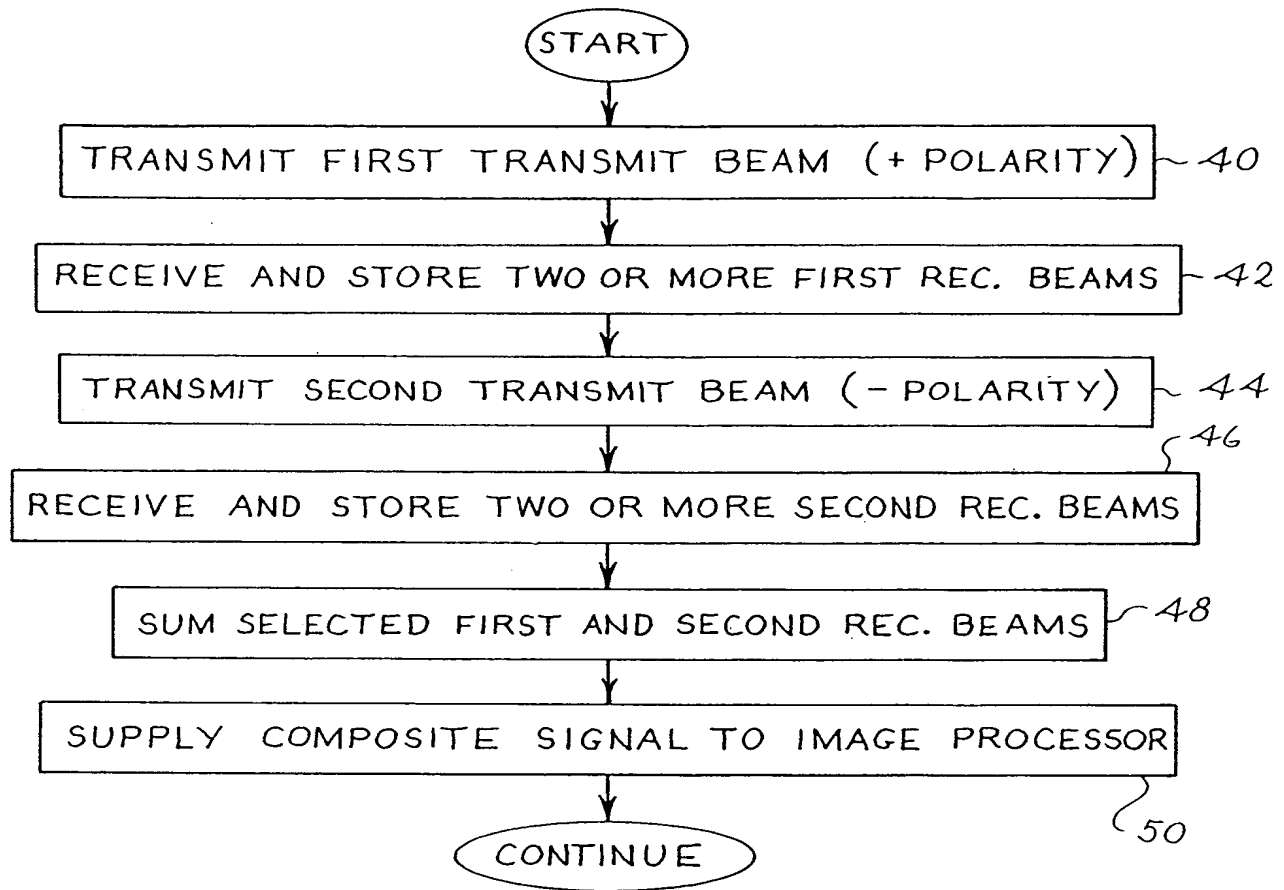


Fig. 2

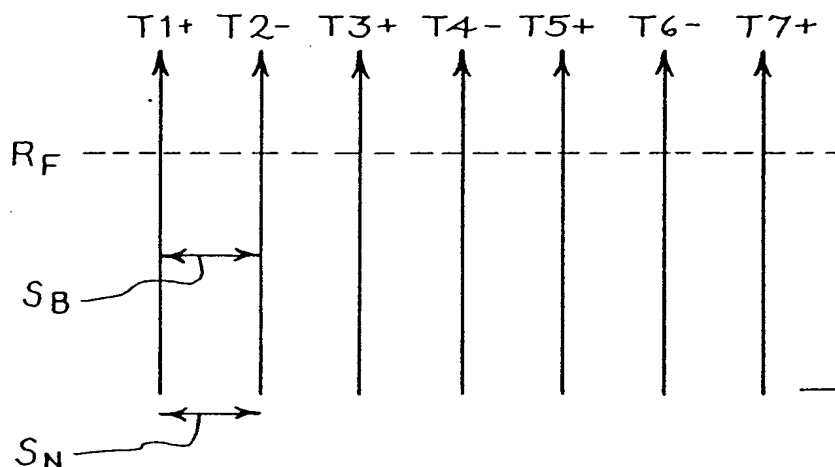
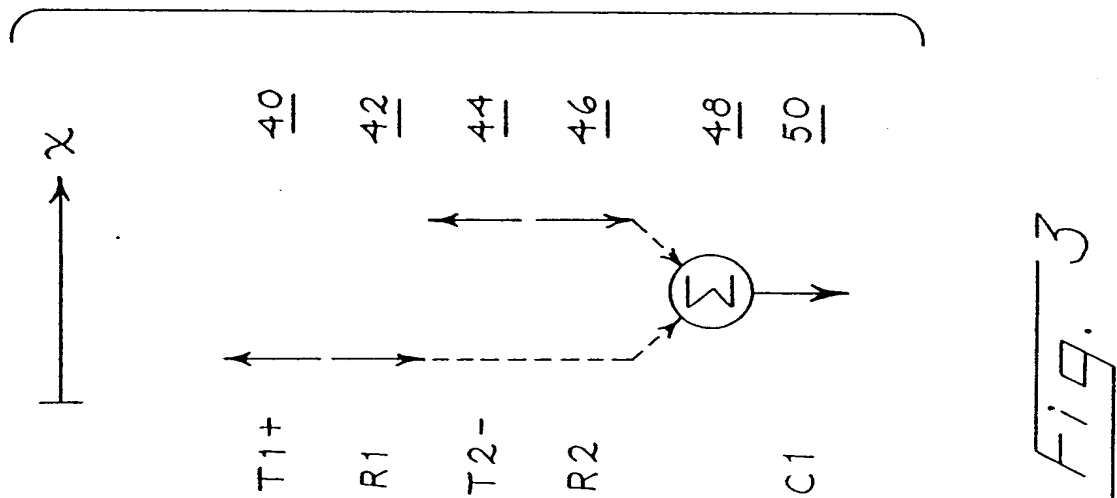
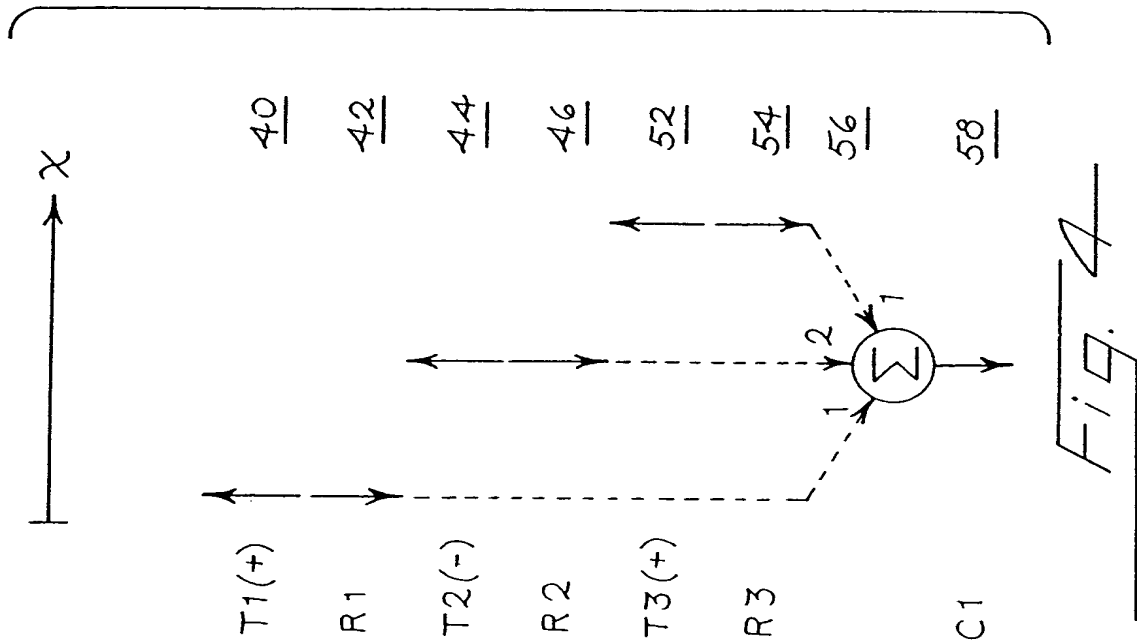
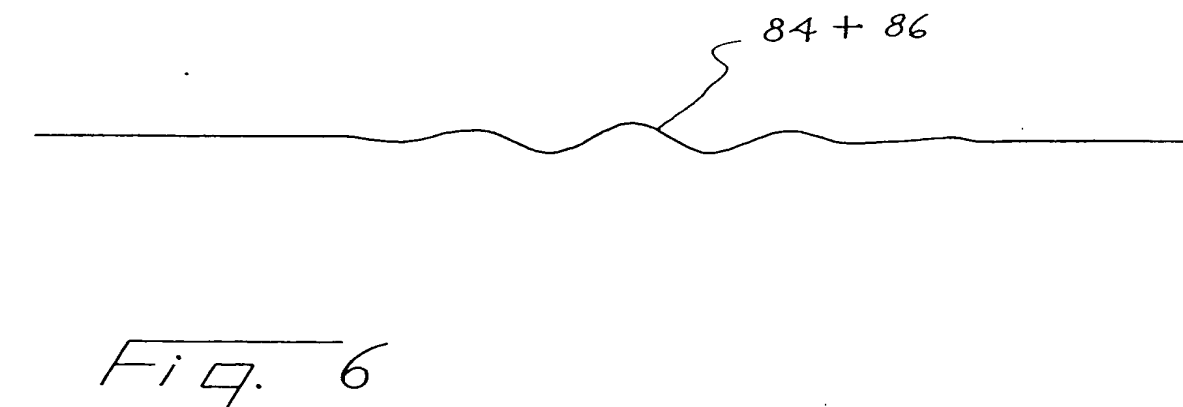
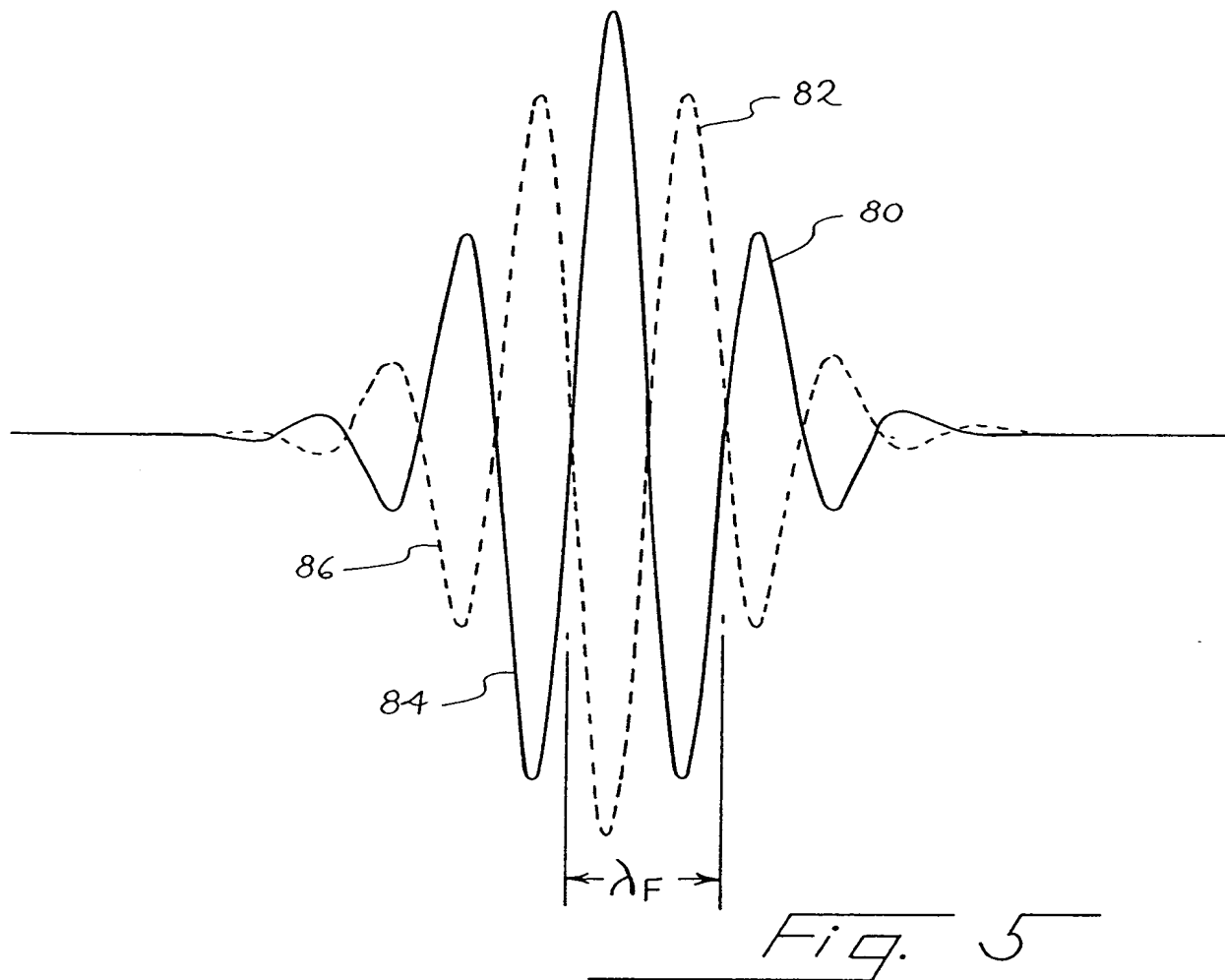


Fig. 11





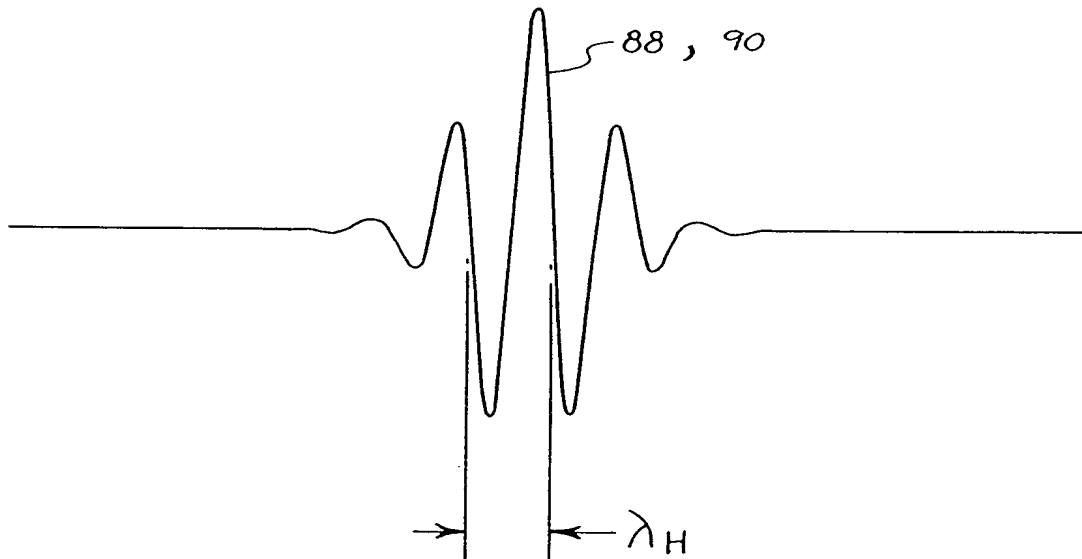


Fig. 7

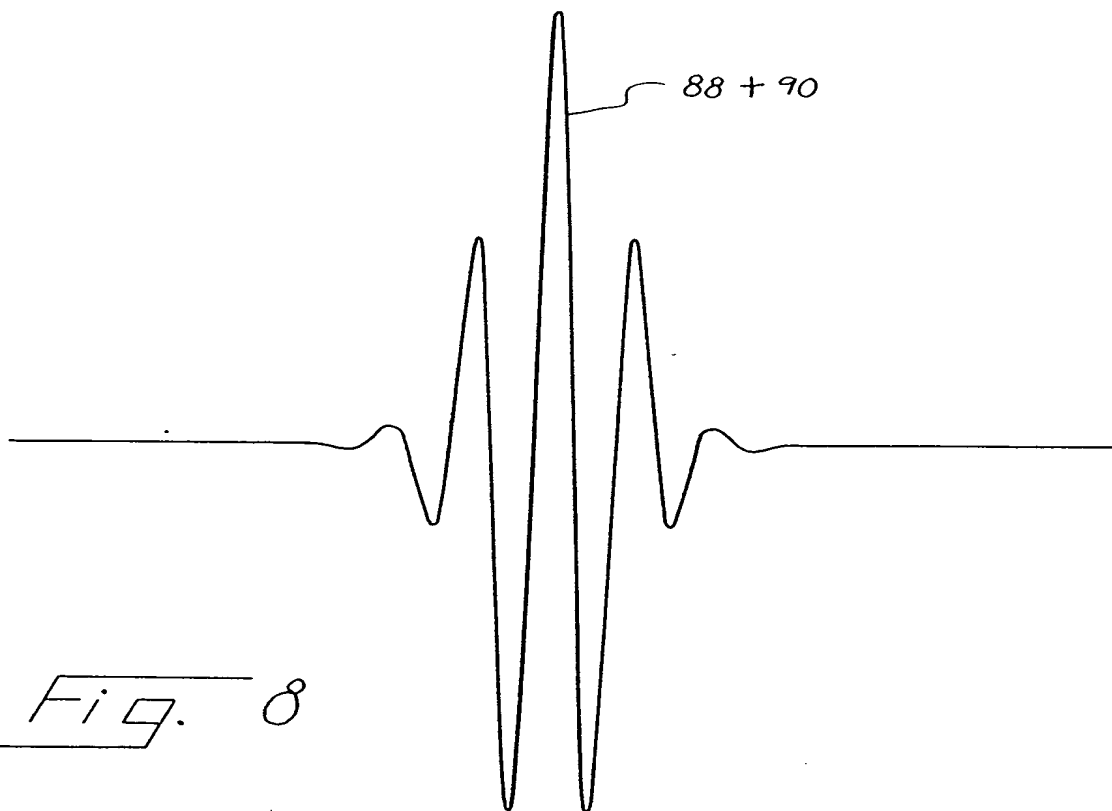


Fig. 8

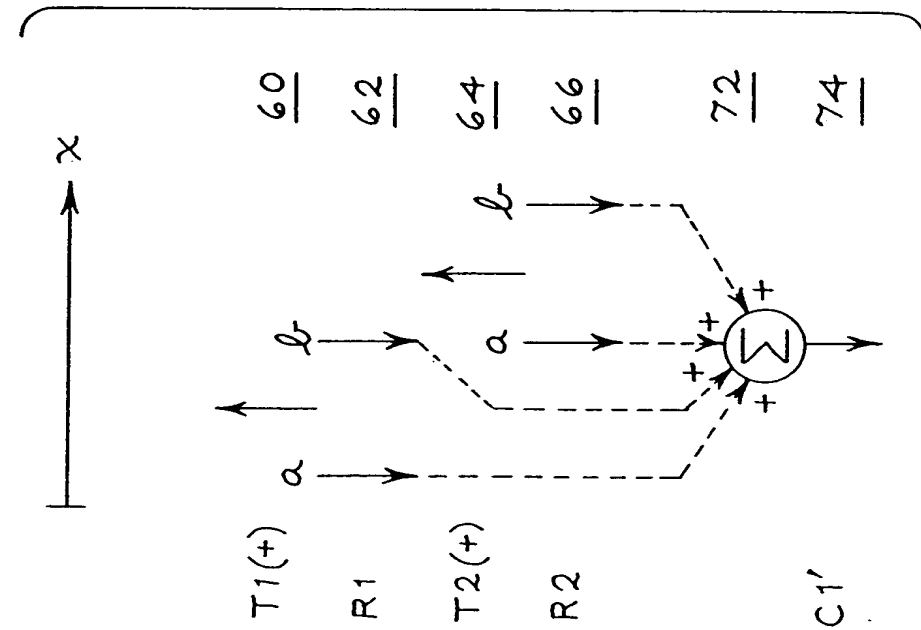


Fig. 10

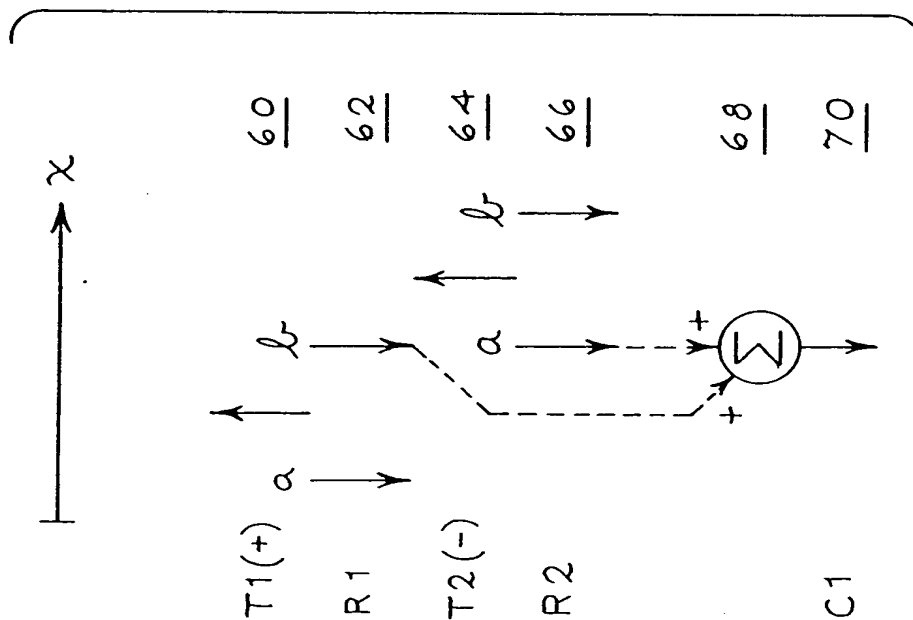


Fig. 9

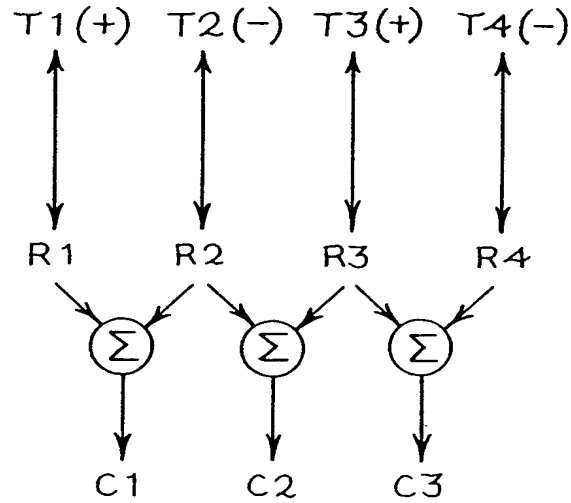


Fig. 12

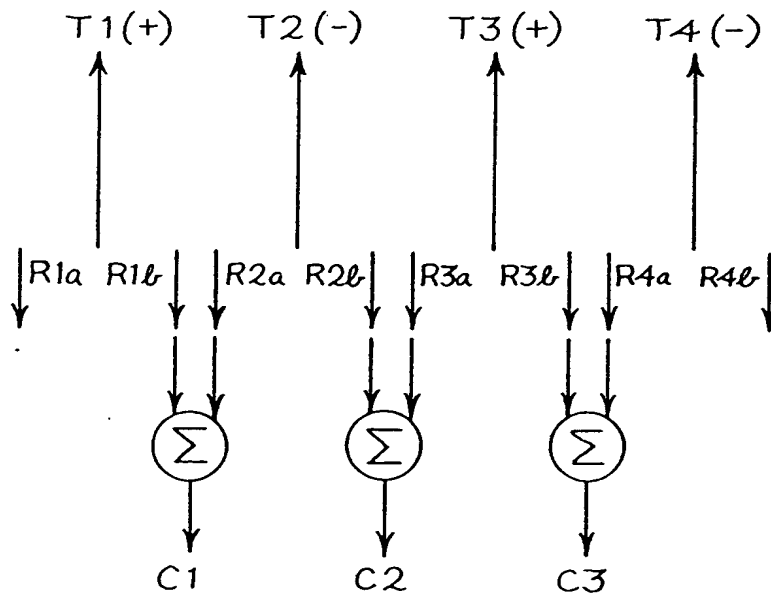


Fig. 13

TRANSMIT APERTURE

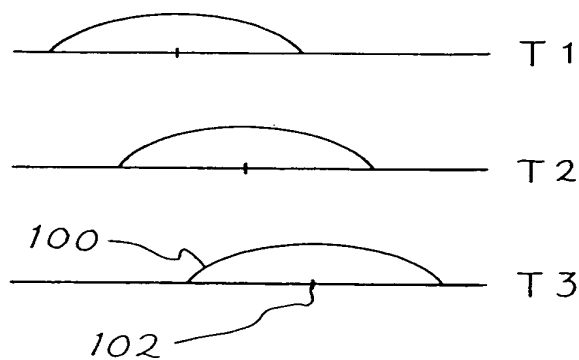


Fig. 14

RECEIVE APERTURE

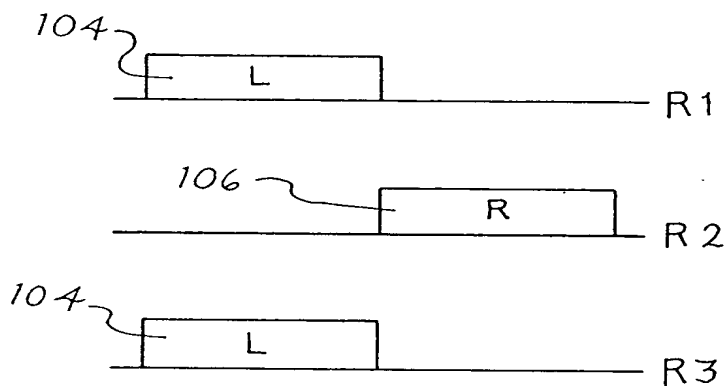


Fig. 15

RECEIVE APERTURE

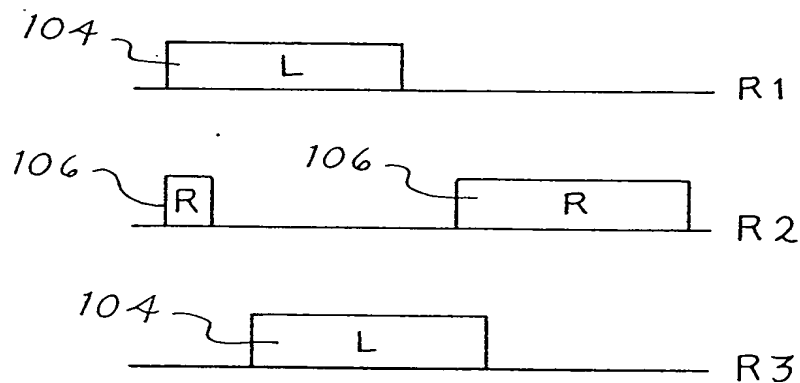


Fig. 16

RECEIVE APERTURE

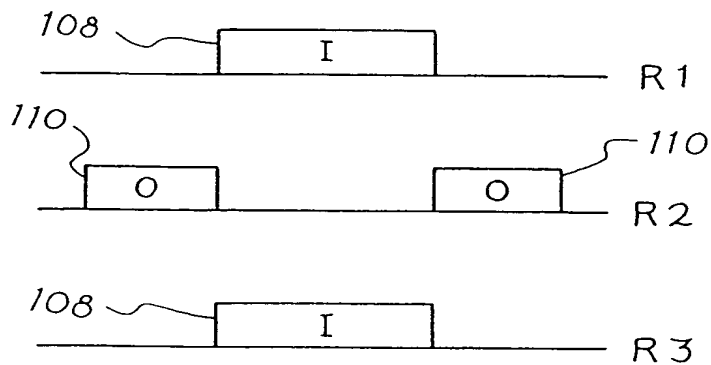


Fig. 17

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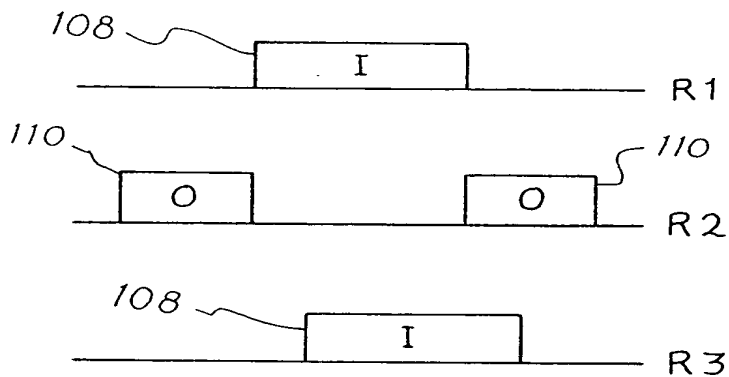


Fig. 18

RECEIVE APERTURE

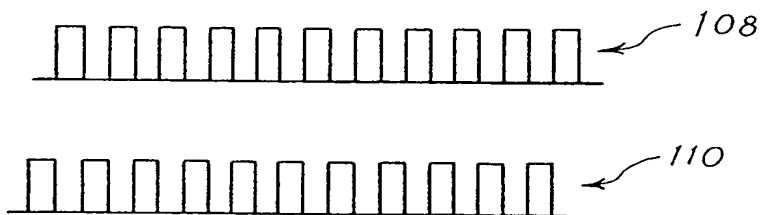


Fig. 19

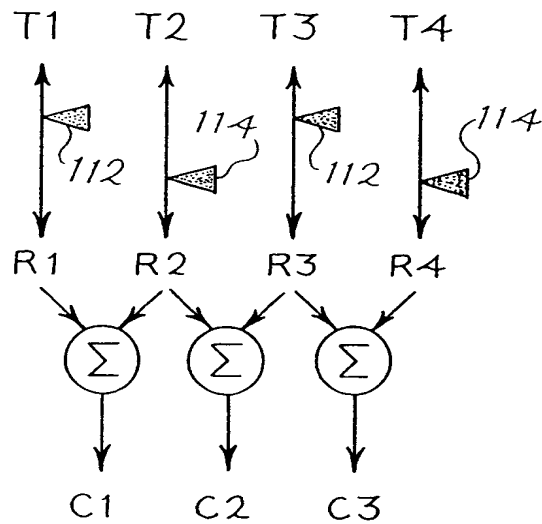


Fig. 20

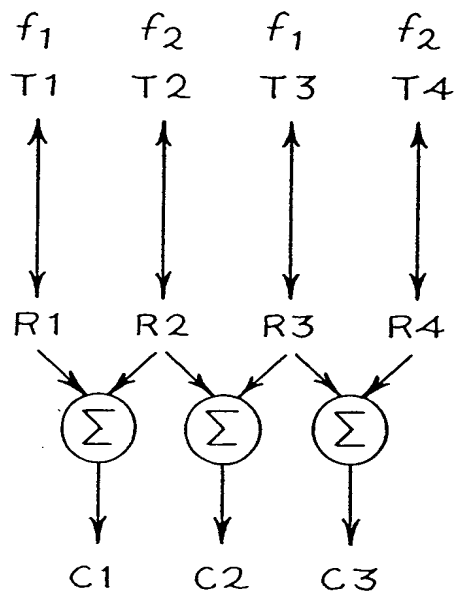


Fig. 21

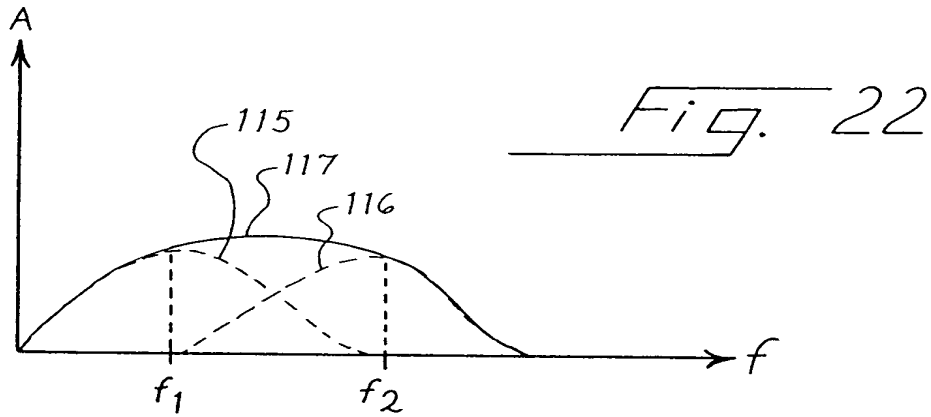
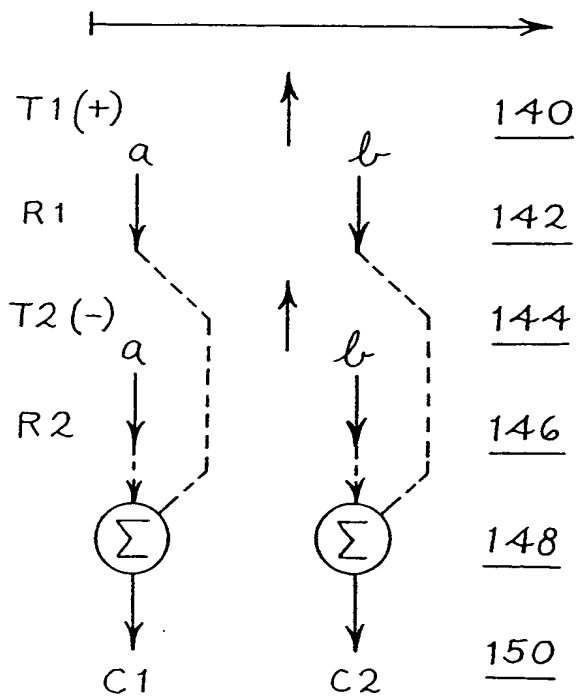


Fig. 23



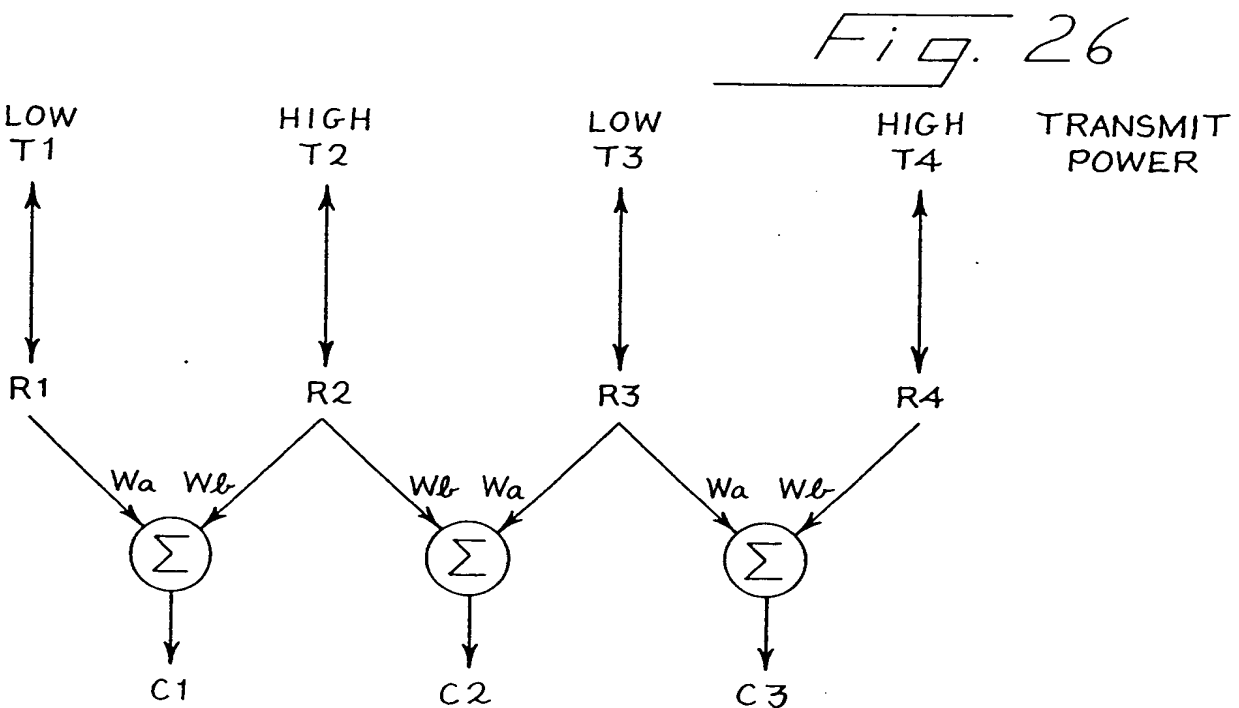
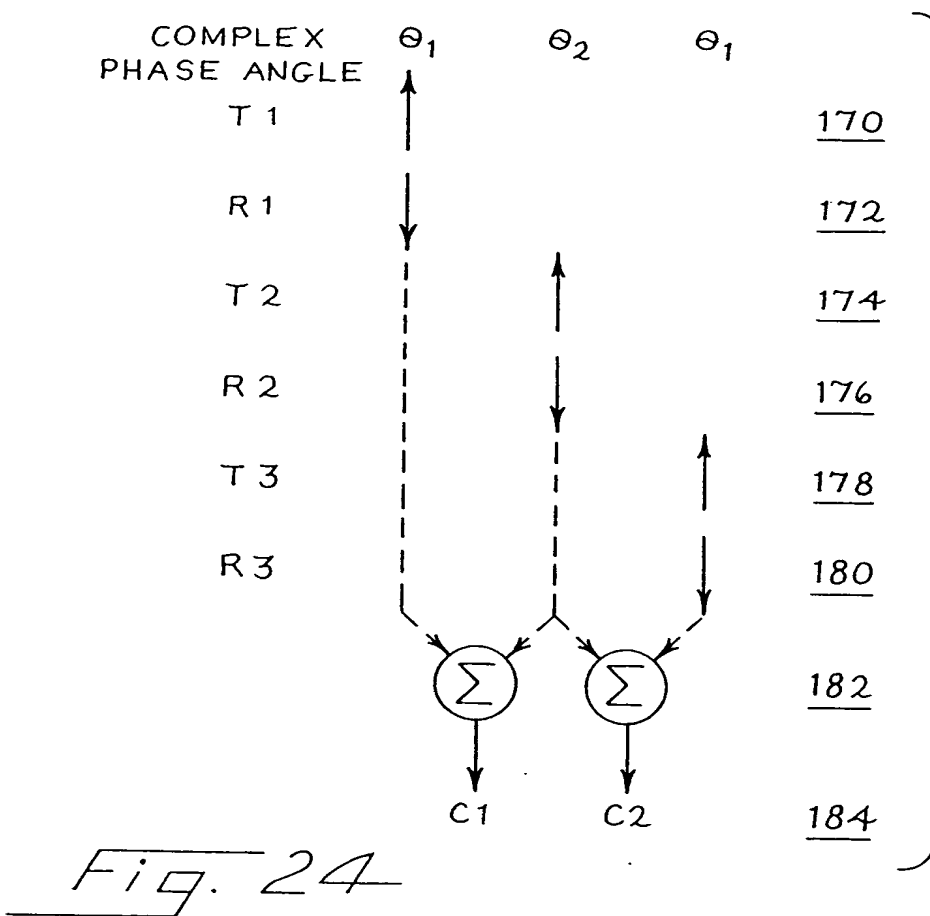


Fig. 25

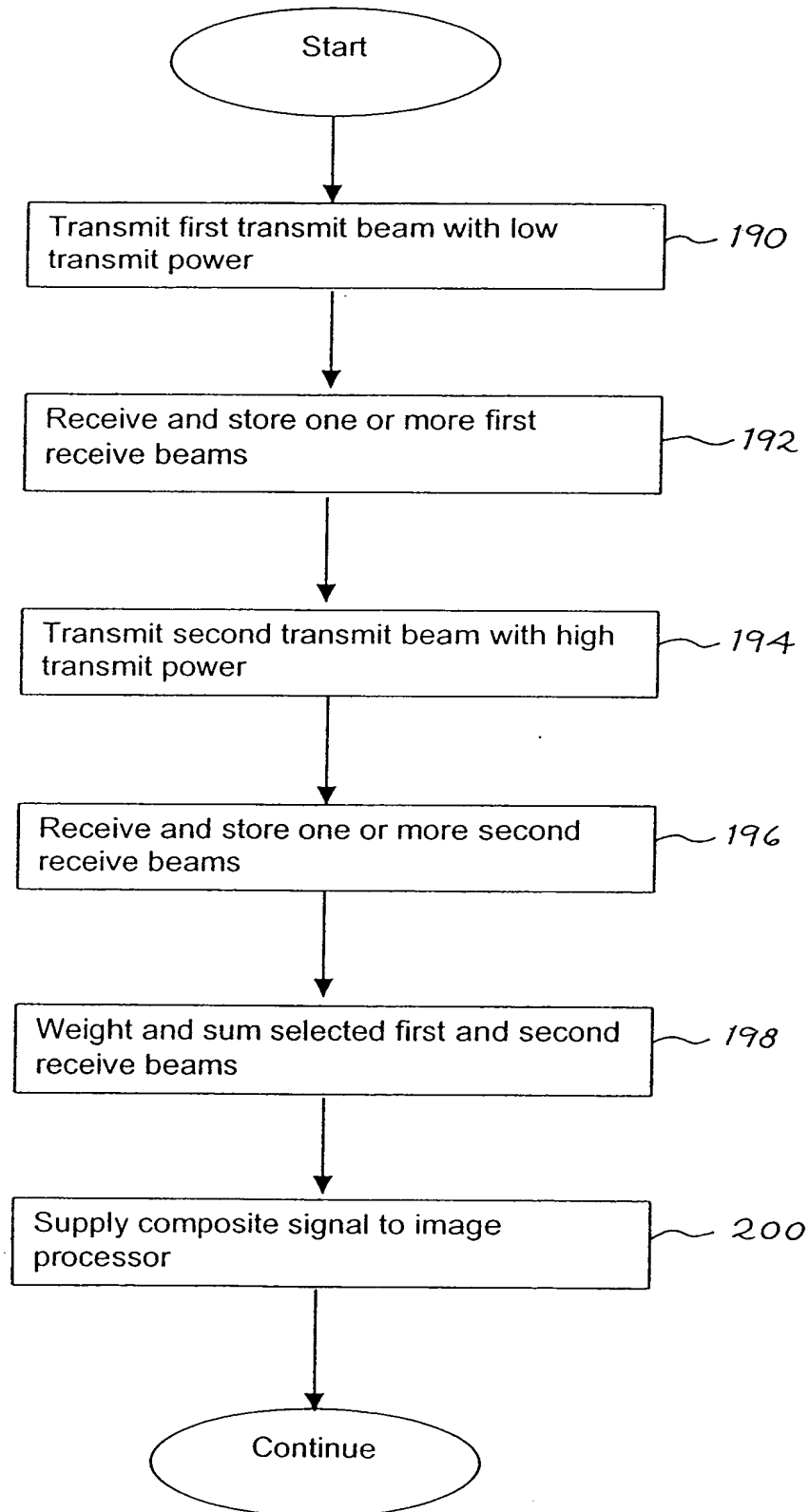


Fig. 27

SCAN LINE	TX GAIN	Wa = 2, Wb = -1	Wa = 4, Wb = -1
		COMPOSITE SIGNAL	COMPOSITE SIGNAL
1	1	HARMONIC	FUNDAMENTAL
2	2	HARMONIC	FUNDAMENTAL
3	1	HARMONIC	FUNDAMENTAL
4	2	HARMONIC	FUNDAMENTAL

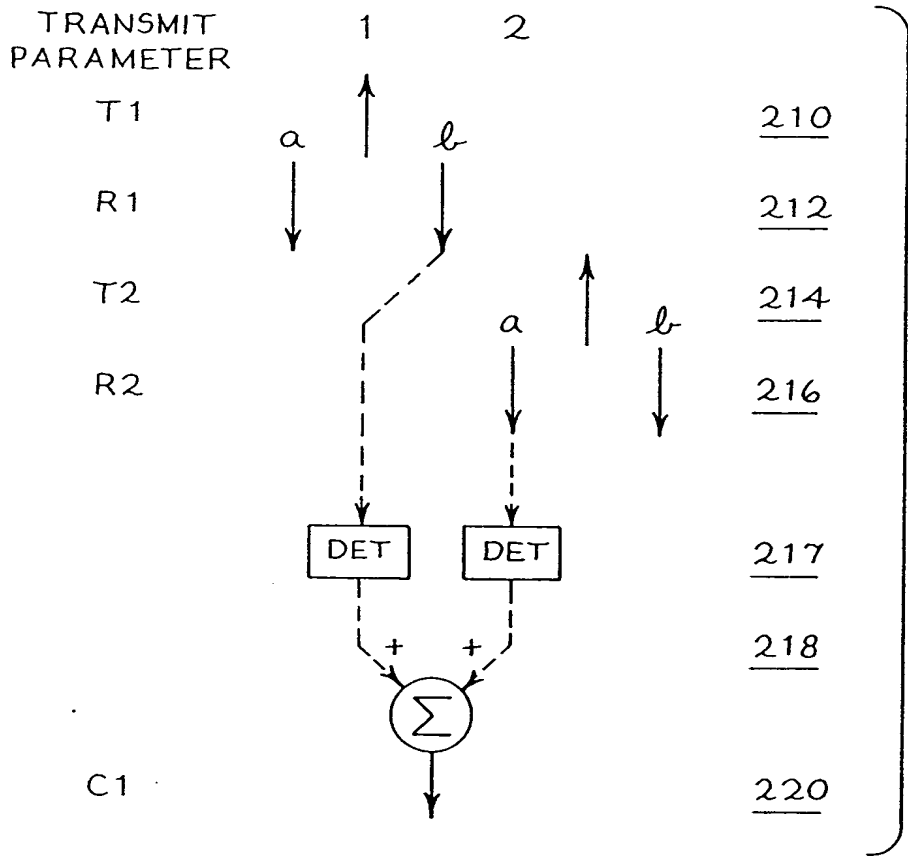


Fig. 29

Fig. 28

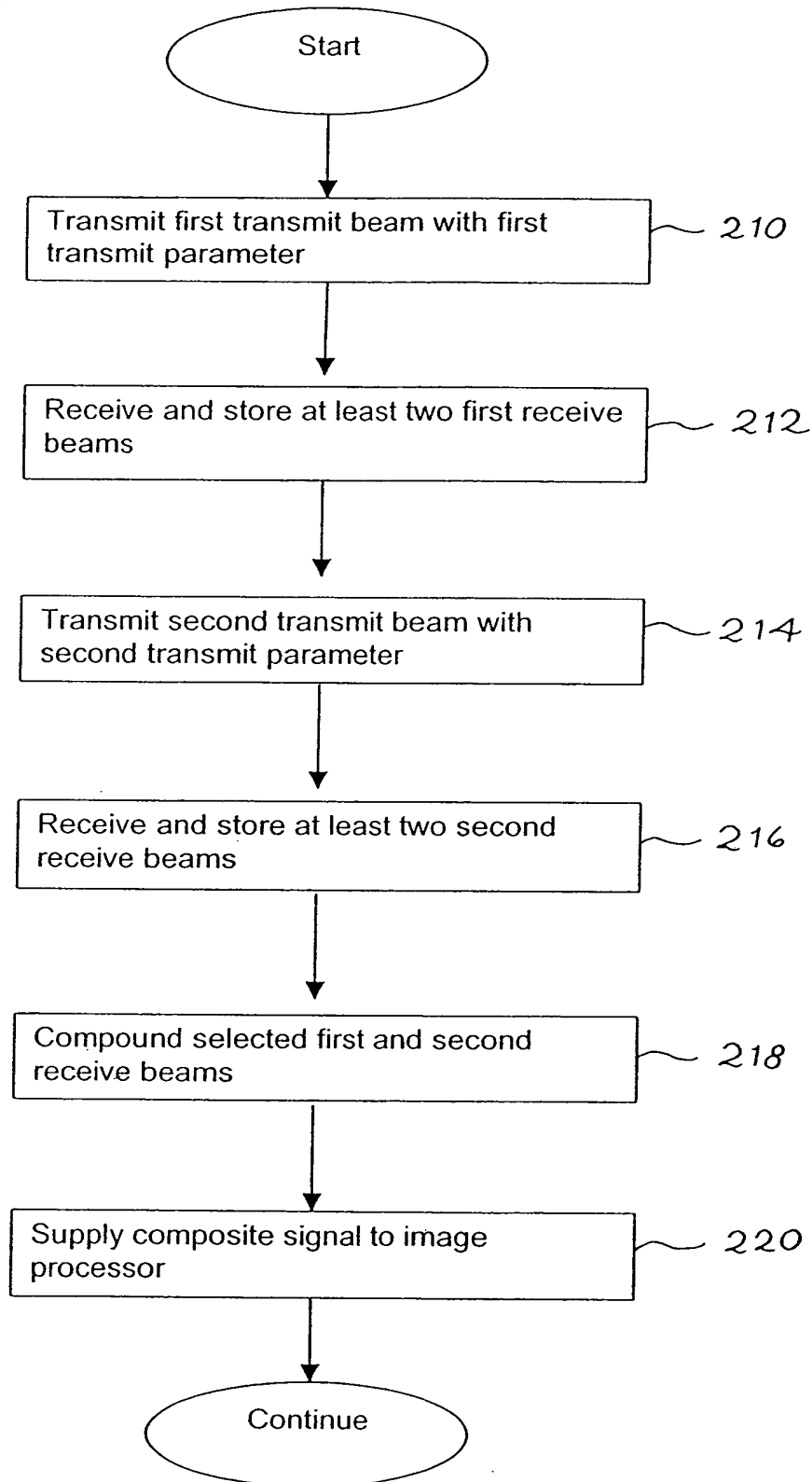
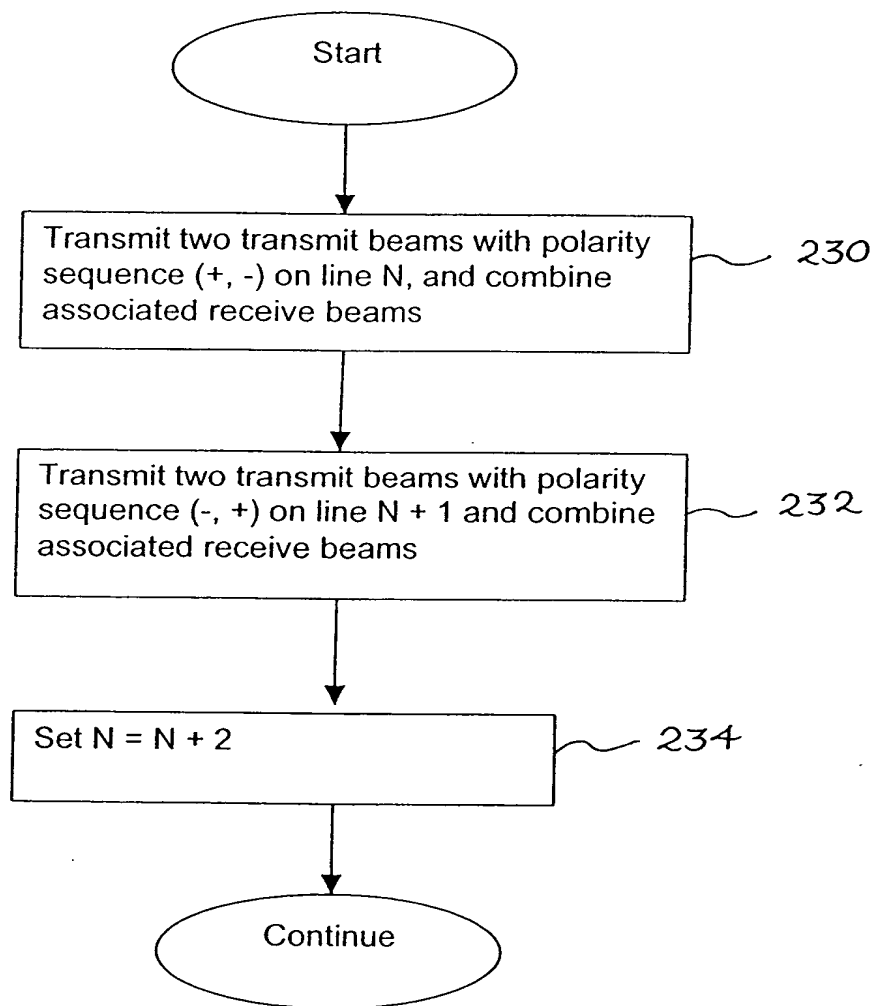


Fig. 30



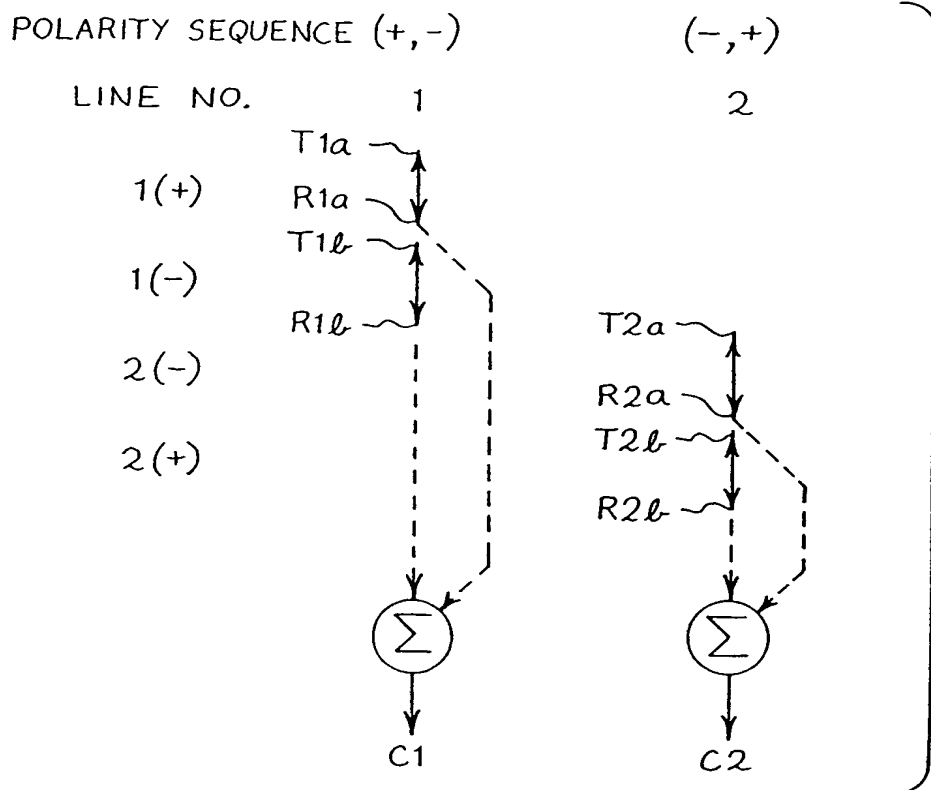


Fig. 31

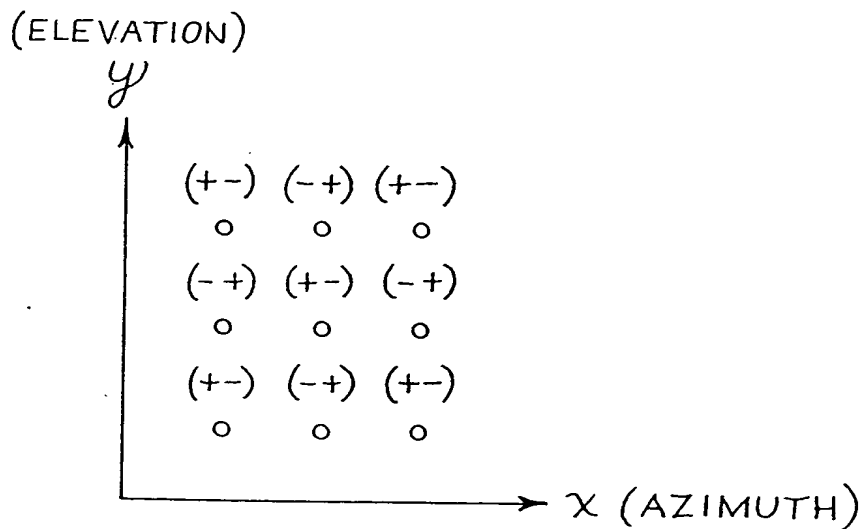


Fig. 32

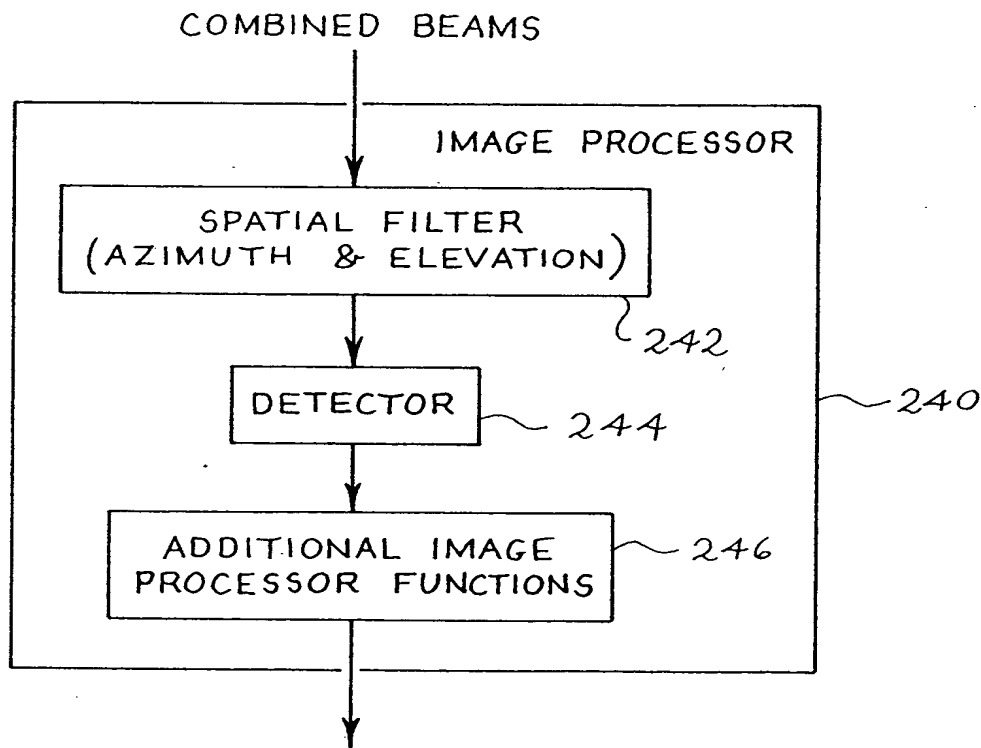
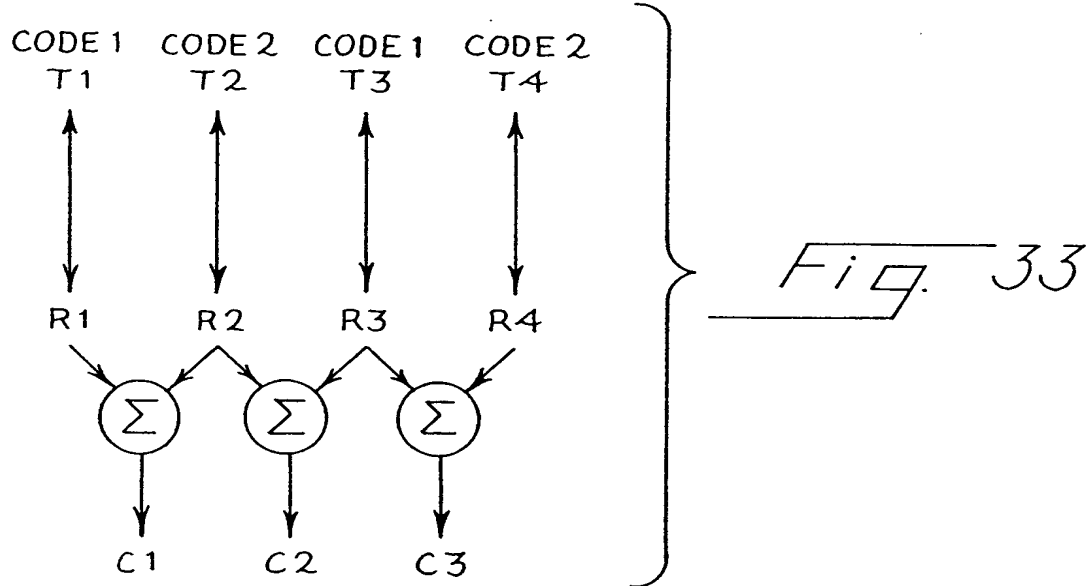


Fig. 34